

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior version, and listings, of claims in the application. Where claims have been amended and/or canceled, such amendments and/or cancellations are done without prejudice and/or waiver and/or disclaimer to the claimed and/or disclosed subject matter, and the applicant and/or assignee reserves the right to claim this subject matter and/or other disclosed subject matter in a continuing application.

Listing of Claims:

1. (Currently amended): An image correction method ~~able to avoid error images~~, comprising:

obtaining a first correction digital signal by scanning a first correction document during black correction, and extracting only a plurality of last bits of the first correction digital signal; and

obtaining a second correction digital signal by scanning a second correction document during white correction, and extracting only a plurality of first bits of the second correction digital signal, and setting the most significant bit of the second correction digital signal to a value of 1.

2. (Currently amended): The method according to claim 1, wherein the extracted last bits of the first correction digital signal are stored in a memory.

3. (Currently amended): The method according to claim 2, wherein the memory includes comprises a random access memory.

4. (Original): The method according to claim 1, wherein the extracted first bits of the second correction digital signal are stored in a memory.
5. (Currently amended): The method according to claim 4, wherein the memory ~~includes~~ comprises a random access memory.
6. (Currently amended): The method according to claim 1, wherein the first correction document ~~includes~~ comprises a black correction document.
7. (Currently amended): The method according to claim 1, wherein the second correction document ~~includes~~ comprises a white correction document.
8. (Currently amended): The method according to claim 1, wherein the step of black correction ~~includes~~ comprises:
scanning the first correction document to obtain the a first correction optical signal; using an image extracting device to obtain a first correction analog signal; and using an analog/digital converter to convert the first correction analog signal into a first correction digital signal.
9. (Currently amended): The method according to claim 8, wherein the image extraction device ~~includes~~ comprises a charge-coupled device.
10. (Currently amended): The method according to claim 8, wherein the step of white correction ~~includes~~ comprises:

scanning the second correction document to obtain the a second correction optical signal;

using an image extracting device to obtain a second correction analog signal; and

using an analog/digital converter to convert the second correction analog signal into a second correction digital signal.

11. (Currently amended): The method according to claim 10, wherein the image extraction device includes comprises a charge-coupled device.

12. (Currently amended): An image correction apparatus ~~able to avoid error images~~, comprising:

means for obtaining a first correction digital signal, said means for obtaining a first correction digital signal being configured to scan a first correction document during black correction, and being configured to extract only a plurality of last bits of the first correction digital signal; and

means for obtaining a second correction digital signal by scanning a second correction document during white correction, said means for obtaining a second correction digital signal being configured to extract only a plurality of first bits of the second correction digital signal; and

means for setting the most significant bit of the second correction digital signal to a value of 1.

13. (Previously presented): The apparatus according to claim 12, said means for obtaining a first correction digital signal being configured to store the extracted last bits of the first correction digital signal in a memory.

14. (Currently amended): The apparatus according to claim 13, wherein the memory ~~includes~~ comprises a random access memory.

15. (Previously presented): The apparatus according to claim 12, said means for obtaining a second correction digital signal being configured to store the extracted first bits of the second correction digital signal in a memory.

16. (Currently amended): The apparatus according to claim 15, wherein the memory ~~includes~~ comprises a random access memory.

17. (Currently amended): The apparatus according to claim 12, wherein the first correction document ~~includes~~ comprises a black correction document.

18. (Currently amended): The apparatus according to claim 12, wherein the second correction document ~~includes~~ comprises a white correction document.

19. (Previously presented): The apparatus according to claim 12, wherein said means for obtaining a first correction digital signal comprises:

means for scanning the first correction document to obtain the a first correction optical signal; an image extracting device to obtain a first correction analog signal; and an analog/digital converter to convert the first correction analog signal into a first correction digital signal.

20. (Currently amended): The apparatus according to claim 19, wherein the image extraction device ~~includes~~ comprises a charge-coupled device.

21. (Previously presented): The apparatus according to claim 19, wherein said means for obtaining a second correction digital signal comprises:

means for scanning the second correction document to obtain the a second correction optical signal; an image extracting device to obtain a second correction analog signal; and an analog/digital converter to convert the second correction analog signal into a second correction digital signal.

22. (Currently amended): The apparatus according to claim 21, wherein the image extraction device ~~includes~~ comprises a charge-coupled device.

23. (New): An article, comprising: a storage medium having stored thereon instructions, that, if-executed, result in:

obtaining a first correction digital signal by scanning a first correction document during black correction, and extracting only a plurality of last bits of the first correction digital signal; and

obtaining a second correction digital signal by scanning a second correction document during white correction, and extracting only a plurality of first bits of the second correction digital signal, and setting the most significant bit of the second correction digital signal to a value of 1.

24. (New): The article of claim 23 wherein said storage medium has further instructions stored thereon, that, if executed, result in:

storing the extracted last bits of the first correction digital signal in a memory.

25. (New): The article of claim 23 wherein said storage medium has further instructions stored thereon, that, if executed, result in:

storing the extracted last bits of the second correction digital signal in a memory.

26. (New): The article of claim 23 wherein the black correction comprises:

scanning the first correction document to obtain the a first correction optical signal; using an image extracting device to obtain a first correction analog signal; and using an analog/digital converter to convert the first correction analog signal into a first correction digital signal.

27. (New): The article of claim 26 wherein the white correction comprises:

scanning the second correction document to obtain the a second correction optical signal;

using an image extracting device to obtain a second correction analog signal; and

using an analog/digital converter to convert the second correction analog signal into a second correction digital signal.

28. (New): An image made by a method comprising:

obtaining a first correction digital signal by scanning a first correction document during black correction, and extracting only a plurality of last bits of the first correction digital signal; and

obtaining a second correction digital signal by scanning a second correction document during white correction, and extracting only a plurality of first bits of the second correction

digital signal, and setting the most significant bit of the second correction digital signal to a value of 1.

29. (New): The image of claim 28 made by a method further comprising:
storing the extracted last bits of the first correction digital signal in a memory.
30. (New): The image of claim 28 made by a method further comprising:
storing the extracted last bits of the second correction digital signal in a memory.
31. (New): The image of claim 28 wherein the black correction comprises:
scanning the first correction document to obtain the a first correction optical signal;
using an image extracting device to obtain a first correction analog signal; and using an
analog/digital converter to convert the first correction analog signal into a first correction digital
signal.
32. (New): The image of claim 31 wherein the white correction comprises:
scanning the second correction document to obtain the a second correction optical
signal;
using an image extracting device to obtain a second correction analog signal; and
using an analog/digital converter to convert the second correction analog signal into a
second correction digital signal.

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